

PARTNER SEARCH PMI7-EU-BSGSME-28

01 dicembre 2017

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richiesta di un'università francese alla ricerca di partner da includere in un loro progetto da presentare nel programma CAPACITIES tematica RICERCA PER LE PMI .
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<Reference n.: PMI7-EU-BSGSME-28>

<Deadline: 11/04/2008>

<Programme: CAPACITIES>

<Project Title: EMAHIA>

<Financial Scheme: >

<Description: Key words:

Biodiversity, organic pesticides, organic cosmetology, organic fouling, seaweed extracts

Organisation activities:

LEBHAM-IUEM-UBO: two main topics are followed within the lab : (1) knowledge of population of marine plants (population biology, taxonomy) and (2) isolation of bioactive compounds

Expertise offered:

Extraction of marine plants (halophytes and algae)

Biological testing of extracts: marine and terrestrial strains

Cultivation of rare marine plants

Cultivation of interesting plants in term of biomolecules

Isolation of high added-value natural products derived from European marine algae and halophytes

<Organisation Type: Università>

<Partner Sought: Project abstract:

The large biodiversity of marine algae and halophytes in Europe is not well known and not sufficiently exploited. Still it can represent a

valuable source of biologically active compounds for a wide array of industries. The present proposal is aimed at valorising some of these organisms while replying to a growing industrial demand of novel natural sources from the sea. Different steps are proposed to fulfil these objectives, such as the extraction and partial characterization of some plant products, the biological testing of these products (raw and semi-fractionated extracts), the wide-scale testing for efficiency and the formulation of the marketable products. The extracts or molecules under investigation are expected to play a role in the antimicrobial defence mechanisms of marine plants. Those properties suggest potent applications in several domains including agriculture, as well as naval and cosmetic industries. Following the need of new natural products for the SMEs of those fields, research teams and SMEs from different European countries will join their effort to conduct the proposed collaborative work.

The project will be carried out during two years of a common work involving SMEs which are not in competition with one another. It should lead to the isolation of high added-value natural products derived from European marine algae and halophytes.

(French and Portuguese SMEs are already implicated in the project).

Expertise sought:

SME producing or willing to produce organic fertilizers or organic pesticides from active seaweed and halophytes extracts.>